

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
23 September 2004 (23.09.2004)

PCT

(10) International Publication Number
WO 2004/081297 A1

(51) International Patent Classification⁷: **E02D 27/42, 13/04**

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(21) International Application Number:
PCT/GB2004/000951

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(22) International Filing Date: 8 March 2004 (08.03.2004)

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(25) Filing Language: English

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),

(26) Publication Language: English

(30) Priority Data:
0305898.9 14 March 2003 (14.03.2003) GB

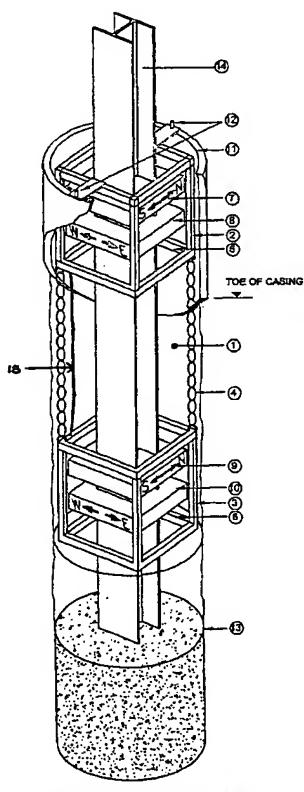
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[Continued on next page]

(54) Title: PLACING ELEMENTS IN PILES



(57) Abstract: The present application relates to an apparatus and method for placing an element (14), such as a steel column or concrete section, into a pile shaft (1) during top-down construction techniques. The apparatus is provided with an upper and lower positioning means (2, 3) which allow the plan position of the element at upper and lower levels respectively to be adjusted.

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Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

— *with amended claims*

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Published:

— *with international search report*

INTERNATIONAL SEARCH REPORT

national Application No

T/GB2004/000951

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 E02D27/42 E02D13/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 E02D G01C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 1 549 168 A (TOWNSEND ELVIN E) 11 August 1925 (1925-08-11) page 1, line 13 - line 17; figure 1 -----	1
A	EP 0 302 707 A (CEMENTATION PILING & FOUND) 8 February 1989 (1989-02-08) cited in the application abstract; figure 7 -----	1,9
A	PATENT ABSTRACTS OF JAPAN vol. 0093, no. 03 (M-434), 30 November 1985 (1985-11-30) -& JP 60 141924 A (MITSUI KENSETSU KK), 27 July 1985 (1985-07-27) abstract; figure 1 -----	1,9

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Patent family members are listed in annex.

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Date of the actual completion of the International search

Date of mailing of the International search report

28 May 2004

15/06/2004

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2004/000951

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